



भारत का राजपत्र

The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY



सं० 32]

नई दिल्ली, शनिवार, अगस्त 9, 1969 (श्रावण 18, 1891)

No. 32]

NEW DELHI, SATURDAY AUGUST 9, 1969 (SRAVANA 18, 1891)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
(Separate paging is given to this Part in order that it may be filed as a separate compilation).

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 9th August 1969

CORRIGENDA

(1)

In the Gazette of India, Part III, Section 2, dated the 7th June, 1969, under the heading "Applications Accepted", in page 211, column 1,

for 113235

read 113225.

(2)

In the Gazette of India, Part III, Section 2, dated the 12th July, 1969.

In page 264, column 1 under the heading 'RENEWAL FEES PAID'.

For number 94170 read number 94710.

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

19th July 1969

122345. Electrical Installations Corporation. Sectional construction for air spreading device for fans. [Addition to No. 118492].

122346. Fertilizer Corporation of India Limited. A process of preparation of high grade sodium polyphosphate from crude wet process phosphoric acid.

122347. Council of Scientific and Industrial Research. Improvements in or relating to heart beat rate measuring instruments.

122348. J. R. Patel. Improvements in or relating to dispensing and closure arrangements of containers or the like.

122349. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Alkoxyalkanoyl-sulfonamides.

122350. International Standard Electric Corporation. Automatic machine for assembling electromagnetic relay contact stacks.

122351. Ciba Limited. Process for the manufacture of new guanyldiazones.

122352. Mobil Oil Corporation. Growing hydrocarbon-utilizing microorganisms.

122353. Montecatini Edison S.p.A. Catalyst based on aluminum fluoride for the fluorination in gaseous phase of hydrocarbons.

122354. V. Vinayababu. A hydraulic torque converter.

122355. Electrolytic Zinc Company of Australasia Limited. Improvements relating to the recovery of lead values from solution. (25th July 1968).

122356. (Dr.) O. A. Becker. Improvements in and relating to the electroplating of the cut edges of sheet metal panels. (5th June 1969).

122357. Farbenfabriken Bayer Aktiengesellschaft. Process for the preparation of bromodichloroacetaldehyde.

122358. Cluett, Peabody & Co., Inc. Oscillating machine for shrinking and finishing woven textile fabrics.

21st July 1969

122359. George Angus & Company Limited. Improvements in the manufacture of flexible hose pipes. (29th July 1968).

122360. C. B. Gundurao. Improvements in or relating to dust extraction units for carding machines.

122361. Ramnarayan Chellaram & Co., Foldable baby seat for cars.

122362. Atlantic Richfield Company. Production of alkyl aromatics.

122363. Sumitomo Chemical Company Ltd. Novel n-phenylsuccinimide derivatives.

122364. Ceskoslovenska Akademie Vcd. An insecticide and a process for its preparation.
122365. Vsesojuzny nauchno-issledovatel'skiy institut Sinteticheskogo volokna. Apparatus for carrying out continuous physical and chemical processes.
122366. J. R. Geigy A. G. Process for the production of new heterocyclic carboxylic acids.
122367. Imperial Chemical Industries Limited. Improvements in or relating to presses. [Divisional date 15th November 1968].
122368. Imperial Chemical Industries Limited. Coating and bonding of metals. (9th August 1968).
122369. Cluett, Peabody & Co., Inc. Fabric dampener.
122370. Ciba Limited. Polymer based granulates as carriers for biologically active substances.
122371. Rex Chainbelt Inc. Laterally flexible conveyor. (13th November 1968).
122372. Rex Chainbelt Inc. Laterally flexible flat top conveyor with metal U-shaped guide contacting members welded to the bottom of the links. (10th December 1968).
122373. Rex Chainbelt Inc. Article carrying chain having unitary guide members attached to the bottom of the links. (3rd March 1969). [Addition to No. 122372].
122374. Rex Chainbelt Inc. Improved conveyor chain link and method of forming same. (30th April 1969).
122375. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Woven mat.
122376. Dr. C. Otto & Comp. G.M.B.H. Improvements in or relating to coke ovens.
122377. Societe D'Etudes Scientifiques Et Industrielles De L'Ile-De-France. Method of preparing new heterocyclic benzamides.
122378. Ciba Limited. Anthraquinone dyestuffs, their preparation and their use.
122379. Beecham Group Limited. Gel toothpastes. (23rd July 1968).
122380. Standard Spray and Chemical Company. Composition comprising calcium-containing compound.

22nd July 1969

122381. Westinghouse Electric Corporation. Support system for membranes used in the reverse osmosis process.
122382. American Cyanamid Company. Process for optical resolution and products resulting therefrom.
122383. Fichtel & Sachs AG. Shock absorber for independent front wheel suspension.
122384. Vsesojuzny nauchno-issledovatel'skiy institut zavodskoi tekhnologii sbornykh zhelezobetonnykh konstruktsiy i izedely Plekhanova. Method for moulding of building products having cellular structure.
122385. Vsesojuzny nauchno-issledovatel'skiy institut zavodskoi tekhnologii sbornykh zhelezobetonnykh konstruktsiy i izedely "Vniizhelezobeton". Apparatus for preparation of cellular mixes derived from mineral binders and gas generating agents.
122386. Podmoskovny Gosudarstvennyy proektno-konstruktorskiy i Eksperimentalnyy Institut Gornogo Mashinostroyeniya "Mosbassgiprogormash". An apparatus for guiding the motion of a traction chain.
122387. Merck & Co., Inc. Resolution of 2-methylenecyclopropane carboxylic acid.
122388. Indian Head Inc. Textured yarn dyeing process and product.
122389. Tanzania Cashew Machines Limited. Cashew nut decorticating machine. (11th September 1968).
122390. Indian Oxygen Limited. Clamping device. (22nd July 1968).

122391. Albright & Wilson Limited. Improvements relating to preservative compositions. (23rd July 1968).
122392. Aeroplane and Motor Aluminium Castings Limited. Soluble cores.
122393. Westinghouse Brake and Signal Company Limited. Information transmission systems. (2nd August 1968).
122394. Quinton Hazell (Holdings) Limited. Improvements relating to ball joints.
122395. J. R. Geigy A. G. Process for the production of new indole derivatives.
122396. The Associated Portland Cement Manufacturers Limited. Heat hardening of materials. (26th July 1968).

23rd July 1969

122397. P. K. Balakrishnan. Improved mounting and contact for dropout cutouts.
122398. S. V. Parulekar, and Shri B. B. Patel. Cream filling machine.
122399. Ciba Limited. New N-heterocyclic N, N'-diglycidyl compounds, Process for their manufacture and their use.
122400. Kurashiki Rayon Co., Ltd. Process for producing polyvinyl alcohol filaments.
122401. The General Industrial Society Limited. Improvements in or relating to trollies.
122402. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Novel pyrrolidine derivatives and process for the manufacture thereof.
122403. The Goodyear Tire & Rubber Company. Improvements in tire reinforcement fabric.
122404. The British Non-Ferrous Metals Research Association. Foundry moulding sand compositions. (26th July 1968).
122405. Klockner-Humboldt-Deutz Aktiengesellschaft. Feed device for dry powdered material. 25th February 1969.
122406. Indian Oxygen Limited. Arc welding. (24th July 1968).
122407. Indian Oxygen Limited. Wire-feeding apparatus. (24th July 1968).
122408. Agripat S. A. New basically substituted 1-cyano-O-carbamoyl-formoximes.
122409. Union Carbide Corporation. Method for forming aluminum porous layer.
122410. International Business Machines Corporation. Pressure sensitive transfer medium. [Addition to No. 115553].

24th July 1969

122411. Kraft Industries. Stitch ripper.
122412. Hindustan Lever Limited. Process for preparing lactic spread. (26th July 1968).
122413. P. D. Karapurkar. Trunk Type luggage carrier mountable on top of cars.
122414. Vsesojuzny nauchno-issledovatel'skiy i proektno-konstruktorskiy institut metallurgicheskogo mashinostroyeniya. A mechanism for rocking a mould of continuous casting machines, preferably of curved ones.
122415. Vsesojuzny nauchno-issledovatel'skiy institut metallurgicheskogo mashinostroyeniya. A dummy bar for a curved-type continuous casting machine.
122416. S. I. Goldis, Y. B. Kaganer, M. A. Lovyagin and L. N. obsov. A monolithic floating dock.
122417. V. V. Krichak. A floating dock.
122418. D. V. Kanakia. Composition for the manufacture of artificial stone and the stone so made.
122419. D. A. Shah. A dry cell charger.
122420. A. Vijayakumar. An improved suitcase-cum-bed.

122421. J. R. Geigy A. G. and Agripat S. A. Process for the production of 2, 4-diamino-6-alkylthio-s-triazine.
122422. The Murphy Chemical Company Limited. Improvements in or relating to dinitrophenyl esters. (25th July 1968).
122423. L. R. Industries Limited. Improvements in or relating to contraceptives.
122424. Morganite Thermal Designs Limited. Improvements in and relating to furnaces for molten metal. (25th July 1968).
122425. Colgate-Palmolive Company. Dentifrice polishing agents.
122426. The firestone Tire & Rubber Company. Compositions of matter and processes.
122427. Forsvarets Fabriksverk. Fold-out fins forming stable flight for a non-spinning projectile.
122428. Societe D'Etudes Scientifiques Et Industrielles De L'ile-De-France. Method of preparing substituted or unsubstituted 3-alkoxy-thianaphthene-2-carboxamides.
122429. Sandoz Ltd. Phthalocyanine compounds.
122430. International Standard Electric Corporation. Electric wave filter. (15th August 1968).
- 25th July 1969
122431. Krishna Steel Industries Private Ltd. A new method for increasing bonding property of steel bars with concrete.
122432. V. Kumar and V. K. Sethi, Universal postal king (Stamp cancelling machine).
122433. S. P. Kanhere. Improvements in or relating to bonded rubber tyre wheels.
122434. S. P. Kanhere. Improvements in or relating to passenger embarkation ladders.
122435. S. P. Kanhere. Improvements in or relating to trolleys on air ports.
122436. S. P. Kanhere. Improvements in or relating to solid or hollow tyre wheels for trolleys and the like.
122437. Atlas Copco Aktiebolag. Improvements in drilling equipment.
122438. Moskovsky zavod rezhushchikh instrumentov "Frezer" im. M. I. Kalinina Rolling mill to produce parts with helical profile, preferably drills.
122439. Mr. V. C. Sharma. Chucks.
122440. Beecham Group Limited. Chemical intermediates (26th July 1968).
122441. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Substituted triazolidine derivatives.
122442. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Substituted acid anilides.
122443. Halifax Tool Company Limited. Improvements in or relating to rock drill bits. (25th July 1968).
122444. Montecatini Edison S.p.A. Process for the purification of pyrite cinders from nonferrous metals from arsenic and from sulphur.
122445. The Dunlop Company Limited. Method of covering. [Addition to No. 112294].
122446. Westinghouse Air Brake Company. Anti-cornering for railway classification yards.
122447. Westinghouse Air Brake Company. Parameter measurement for railway classification yards.
122448. Farbenfabriken Bayer Aktiengesellschaft. O-alkyl-O-phenylthiol-phosphoric acid esters.
122449. Imperial Chemical Industries Limited. Extrusion process and apparatus. (14th August 1968).
122450. V. A. Altekar. An improved process for purification of crude titanium tetrachloride.
122451. V. A. Altekar. Phosphorus removal from molten irons.
122452. V. A. Altekar. An improved process for manufacture of zinc dust from galvanisers' dross and zinc alloy scrap.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8 Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

107864. Leslie A. Parsons & Sons Limited. A method for treatment of onions and apparatus therefor. (26th November 1965). Accepted on 18th July 1969.

Characterised by synchronising the feeding of the onions with the emptying of the container in such manner that only or one very few onions are introduced into the container on each occasion.

112740. Siemens Aktiengesellschaft. Improvements in or relating to optical-electronic semiconductor systems. (3rd November 1966). Accepted on 16th July 1969.

Comprises a semiconductor transmitter, a receiver, cemented together, the refractive and an optical link.

112823. O. B. Rasmussen. Synthetic polymeric sheet material and method and apparatus for the production of the same. Accepted on 19th July 1969.

Characterised in that two lamellae are interconnected by spaced parallel polymeric strands embedded in incisions in the edges of the lamellae.

112843. Pyrotektor, Inc. Smoke detector. Accepted on 21st July 1969.

Comprising a light source for illuminating smoke particles, a photo resistive device, means responsive to the resulting decrease in resistance of said photo resistive device to increase the voltage across a controlled device and means responsive to an increase in supply voltage to decrease the voltage across the controlled device.

112855. Electric Power Storage Limited. Improvements relating to topping up devices for electric storage batteries. (24th October 1966). Accepted on 21st July 1969.

A means responsive to the liquid level in the inlet chamber, for preventing admission of further liquid to the chamber.

112869. S. Kitamura. An improved bobbin hanger. Accepted on 22nd July 1969.

Comprises a pair of pawls pivotally mounted at lower end of stem and having cam surfaces, a cylindrical guide member with slots to accommodate said pawls, a transverse pin and means for temporarily fixing said guide member.

112883. W. G. Horton. Improvements in or relating to mounting means for the display of linear signals. Accepted on 23rd July 1969.

Comprises a series of apertures, arranged in a row, located in a flange, to extend rear wardly from the plane of the display surface to one side of the grid.

112884. William Gray Horton. Improvements in or relating to indicator carrier elements for visual indication means. Accepted on 23rd July 1969.

Comprises a central face or body portion 10 from opposite sides of which continue planar extensions in the form of tabs.

112919. J. P. Palkhiwala. Device for changing the speed of the driven shaft in relation to the driving shaft. Accepted on 22nd July 1969.

On the eccentric portion are mounted a first external gear and a second external gear both locked with each other, the first external gear meshing with a fixed internal gear and the second external gear with a rotatable internal gear.

112928. Dipl. Ing. Oroschakoff. Mesh reinforcement for reinforced concrete structures. Accepted on 15th July 1969.

Comprising a net work of double interconnected longitudinal bars in a common plane and of transverse distributor in adjacent common plane, the individual rods of each longitudinal bar being connected at least at one end thereof, each longitudinal bar lying as a whole or at least with an end portion in a plane perpendicular in the plane of the distributors.

112992. National Lead Company. Process for preparing tribasic lead sulfate and a composition containing the same. Accepted on 23rd July 1969.

Comprises heating hydrous tribasic lead sulphate at a temperature of from 180°C to 400°C.

113014. L. Eigenmann. Process and installation for production of tubular textile containers particularly tubular plates for use in lead-acid storage batteries. Accepted on 24th July 1969.

A radially expanding shaping element is introduced in each compartment and by relative axial movement between element and fabric and solidification of a hardening agent supplied, the fabric becomes stiff in its expanded position.

113099. Stone & Webster Engineering Corporation. A process and apparatus for the continuous heating of fluids and heated fluids produced therefrom. (11th November 1966). Accepted on 24th July 1969.

Comprising walls of refractory material defining a chamber including plurality of conduits and the walls of said chamber containing a plurality of radiant heat burner.

113113. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for printing textile materials of natural or regenerated cellulose with reactive dyestuffs. Accepted on 22nd July 1969.

By using a paste containing a thickening agent, water and either an organic dyestuff containing β -hydroxy ethyl sulphone sulphuric acid ester group vinyl sulphone group, mono and dichlorotriazine tetrafluorocyclobutane-1-acryloxyl amino group or an organic dye stuff containing at least one nucleophilic group and a colourless organic compound containing two reactive groups.

113193. The Director, Indian Agricultural Research Institute, New Delhi-12, India. Improvements in or relating to the production of terpene alcohols from turpentine oil and its components. Accepted on 19th July 1969.

Comprises in reacting turpentine oil with water in presence of proton donor catalysts and surface active agents.

113539. Ciba Limited. New monoazo dyestuffs and processes for their manufacture and use. Accepted on 22nd July 1969.

Comprises coupling substituted amino benzene, sulfonic acid with substituted hydroxy-naphthalene disulfonic acid or by acylating corresponding amino compound.

113834. The Cementation Company Limited. Adjustable platform assembly. (28th December 1966). Accepted on 28th July 1969.

Wherein the hydraulic fluid supply lines to two adjacent leg members are interconnected for common controlled movement of said leg members while movement of the other two leg members is independently controllable.

113995. N. V. Philips Gloeilampenfabrieken. Method of providing an electric connection on a surface of an electronic device and device obtained by using said method. Accepted on 9th July 1969.

The surface of electronic device is covered with a cathode layer and then with masking layer comprising a window, after which a connection is formed at the area of the window by vapour depositing metal on the cathode layer.

114040. F.M.C. Corporation. Offshore articulated fluid conveying apparatus. Accepted on 15th July 1969.

Comprising a plurality of rigid conduits at least one of which has a buoyant sheath thereon and a plurality of fluid conveying swivel couplings to connect the rigid conduits between the fixed conduit and the connecting post of the vessel.

114054. The British Petroleum Company Limited. Improvements in or relating to agricultural compositions. (19th January 1967). Accepted on 15th July 1969.

Comprises contacting asphalt dissolved in a solvent therefor such as hydrocarbon solvent with an aqueous medium and recovering the aqueous solution comprising constituent of the asphalt which are soluble in the aqueous medium.

114058. N. V. Philips Gloeilampenfabrieken. A support member for carrying a microelectronic circuit. Accepted on 15th July 1969.

The non-conductive body has the shape of rectangular plate near each corner, a projection being provided and in which a conductive layer is thickened by electroplating.

114063. K. Eickmann. Improvements in hydrostatic—mechanic—transmissions, pumps, motors. Accepted on 16th July 1969.

An improved hydrostatic mechanic transmission so that they operate more smoothly, more economically or they can be built more compact and inexpensive.

114067. Simon-Carves Limited. Improvements in or relating to desalination. (17th January 1967). Accepted on 16th July 1969.

In a method of desalination of sea water by producing ice crystals from saline water, the arrangement is such that in the operation of the apparatus volatile liquid refrigerant, immiscible with water is injected in a container where it boils and causes a continuous circulation of a slurry of ice crystals around the baffle means.

114070. Aljaba Limited. Improvements in or relating to method and apparatus for engraving rotary screen printing cylinders. (20th January 1967). Accepted on 16th July 1969.

Cylinder is engraved with negative of the design by passing lacquer through the matrix engraved with the positive of the design and onto the cylinder, while cylinder is rotated in contact with the matrix.

114073. N. V. Philips Gloeilampenfabrieken. Semiconductor device comprising a field-effect transistor having an insulated gate electrode, method of manufacturing such a semiconductor device and circuit arrangement comprising such a semiconductor device. Accepted on 16th July 1969.

The further electrode zone is connected to a metal layer forming an inter digital system well the gate electrode.

114091. Bengal Scientific & Technical Works (Private) Ltd. Improvements in or relating to incandescent gas lamps for lighting. [Addition to No. 97287]. Accepted on 18th July 1969.

Comprising seamless body, burner feeding pipe venturi pipe, adjusting means, C.I. base and rubber cushion.

114127. International Standard Electric Corporation. Data processing system, and automatic telecommunication system using a data processing system. Accepted on 21st July 1969.

Includes two programme controlled processing units, fault detection means, test means associated with each said processor, and restoring means.

114128. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Cotelomerization process. Accepted on 21st July 1969.

Carrying out process monomers to telomers of molecular weight 700—3000 at 150°—270° C in alkyl substituted aromatic hydrocarbons without addition of free radicals.

114151. Krasnodarsky ordena Trudovogo Krasnogo Znameni zavod elektroizmeritelnykh priborov. Multicontact switch. Accepted on 19th July 1969.

Characterised in that current carrying brushes are attached to a yoke so as to rotate about crossing axes located at the level of the contact surface for self portioning the brushes on the contact surface.

114153. Vsesojuzny Nauchno-Issledovatel'sky Institut Stroitel'nogo i Dorozhnogo Mashinostroenia. Machine for levelling land plots. Accepted on 22nd July 1969.

Characterised in that at least two parts of the frames are interconnected by a joint with a horizontal axis of rotation.

114160. Svenska Rotor Maskiner Aktiebolag. Two-stage compressor. (6th February 1967). Accepted on 19th July 1969.

Outflow port of the first stage and the outflow port of the second stage are located at the respective end plate member, that rigid rotor unit is mounted in a radial bearing in the end plate member adjacent to said outflow port and in combined radial and thrust bearing in the end plate member adjacent to said outlet port.

114194. N. V. Philips Gloeilampenfabrieken. Luminescent screen. Accepted on 19th July 1969.

Comprising a luminescing material having a composition satisfying the formula $Mgx(Ga_{1-y}Al_y)_2O_3 + X + Z : Mn + +$ wherein $0.70 \leq X \leq 0.97$, $0.025 \leq Y \leq 0.4$, $0.002 \leq Z \leq 0.05$.

114207. Vulcan-Cincinnati, Inc. Multiple zone apparatus for the processing of fluids having interzone fluid mixing and redistribution features. Accepted on 25th July 1969.

Characterises in having two baffled zoned connected by ring having plurality of holes thereby defining a chamber and provided with circumferential manifold, mixing means and distribution means.

114329. Uniroyal, Inc. Improvements in laminates of polyester textile materials and rubber. Accepted on 23rd July 1969.

Comprising dipping the bare polyester material in an aqueous dispersion of an epoxy resin and a blocked isocyanate etc.

114622. Columbia Broadcasting System, Inc. Self-threading take-up reel and an apparatus incorporating said reel. Accepted on 18th July 1969.

Comprising a hub, flange means on hub defining a space for receiving the strip, and at least one member carried by the reel for capturing the lead portion of the strip.

114623. Columbia Broadcasting System, Inc. Apparatus for recording information on film. Accepted on 18th July 1969.

Comprising means for modulating the frequency of a carrier signal in accordance with the magnitude of an input signal representing information to be recorded thereby to generate a frequency modulated signal, means for combining input signal and frequency modulated signal thereby to produce a composite signal, and means for varying the intensity of a beam of light exposing film in accordance.

114652. Siemens Aktiengesellschaft. Method of and apparatus for the common removal of loss heat and reaction water from fuel elements. Accepted on 23rd July 1969.

Bringing to contact the electrolyte with the porous diaphragm through which water necessary for dissipating the loss heat diffuses in vapour form, condensing it, and returning it to the electrolyte or removed from the system.

114561. Vog & Company. Improvements in or relating to buckles for straps. Accepted on 21st July 1969.

Includes a tongue assembly having a spring operated sliding piece provided with vertical grooves in the front portion and lateral recesses at right angle to these grooves.

114768. Gosudarstvenny nauchno-issledovatel'sky teploenergeticheskogo priborostroenia. Device for amplifying D-C signals. Accepted on 21st July 1969.

Comprising connected in series a parametric modulator employing varicaps, an a-c amplifier a high frequency detector, a high frequency reference voltage generator connected to said parametric modulator, a low frequency phase-sensitive unit coupled with voltage generator, an amplitude detector.

114798. Ciba Limited. New monoazo pigments, processes for their manufacture and material whenever pigmented therewith. Accepted on 22nd July 1969.

Comprising condensing a carboxylic acid halide with an amino naphthostyryl or a diazocompound is coupled with a naphthol or a diazoamino compound is coupled with a naphthol.

115015. Hindustan Lever Limited. Process of preparing sterilised or pasteurised coherent foodstuffs in containers. Accepted on 23rd July 1969.

Comprises filling the foodstuff and water upto a certain head space in a container, sealing and sterilizing such that the desired temperature is reached before the contents lose their fluidity.

115061. N. V. Philips Gloeilampenfabrieken. An integrated semiconductor device. Accepted on 24th July 1969.

Epitaxial layer on substrate is divided into islands by grooves filled with polycrystalline semiconductor material and islands and filled grooves are covered with an insulating layer provided with conductive tracks connected to circuit elements through apertures in insulating layer.

115080. International Standard Electric Corporation. Automatic telecommunication switching system and information handling system. Accepted on 21st July 1969.

It includes transmission means in said switching net works to at least one processors.

115110. J. Morita. Bacterial insecticide for killing mosquitoes. Accepted on 19th July 1969.

Bacterial insecticide for killing mosquitoes which comprises, as the effective ingredient, sporangia or spores of Bacillus cereus var. thuringiensis or a culture containing such sporangia or spores, and also comprises a conventional carrier.

115304. N. V. Philips Gloeilampenfabrieken. Method and device for processing a layer of resistance material on a cylindrical carrier along a helical path and electrical resistor obtained by this processing. Accepted on 21st July 1969.

Comprising a rotary holder for receiving rest-store body to be processed, a gas discharge device closed in a gas tight manner, means being provided for focusing the emerging beam on to the resistance layer.

115313. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Thermoplastic materials containing polyacetals and copolymers of α -olefins. Accepted on 22nd July 1969.

Comprising 99.5 to 70% by weight of a poly-acetal and 0.5 to 30% by weight of a copolymer of -olefins and vinyl esters or acrylic esters.

115331. The Dunlop Company Limited. Improvements in or relating to pneumatic tyres. (8th April 1967). Accepted on 21st July 1969.

Comprising a ground contacting tread portion provided with a plurality of water-receiving recesses each having at least one face to be engaged by water standing on a surface over which the tyre is to run and water out-let means associated with some at least of the recesses to promote the flow of water through the recesses.

115348. M. N. Balani and G. U. Khatri. Improved high head twin impeller pump. Accepted on 23rd July 1969.

Comprising a main impeller mounted on pump shaft having a long hub on which is screwed a parasite impeller and provided with a specially designed cross over with vanes.

115367. The Chandler & Price Company. Web cutter and folder. Accepted on 23rd July 1969.

Comprising a drum, a cutter and jaw cylinder and means on said jaw cylinder operative optionally to remove the web from said drum by the leading edge thereof or by a transverse fold.

115757. The Robert L. Strickman Foundation, Inc. Filter material and a process for producing the same. Accepted on 22nd July 1969.

Comprising particles of a rigid polyurethane which has been produced from the reacting of a polyisocyanate and a polyol.

115940. Nestle's Products Limited. Process for the preparation of powdered extracts from vegetable materials. Accepted on 24th July 1969.

Comprises spray-drying an aqueous extract of the material by injecting the aqueous extract and a current of hot air into a drying chamber, screening the powdered extract and collecting at least one coarse particle fraction, and feeding the fine particles into the drying chamber in stream containing gas to agglomerate fine particles.

116296. National Lead Company. Method for the recovery of magnesium chloride from sodium potassium magnesium, chloride and sulfate containing mixed salt solutions. Accepted on 24th July 1969.

Comprising concentrating the solution in successive stages, desulfating the mother liquor with calcium chloride and further concentrating, subjecting the resultant magnesium chloride solution to final concentration to dryness.

116705. Escher Wyss Limited. Butterfly-valve having a plate and two pivots. Accepted on 24th July 1969.

A butterfly-valve having a plate and two pivots attached to two diametrically opposite points of the plate which is constructed as a closure plate situated in a plane passing through the axis of rotation.

117018. Toyo Koatsu Industries, Incorporated. Process for recovering excess ammonia in urea synthesis. Accepted on 23rd July 1969.

Comprising separating the excess ammonia from urea synthesis effluent at a pressure substantially equal to the vapour pressure of ammonia at the condensation temperature and mixing the separated ammonia gas with raw material liquid ammonia.

117092. Hindustan Lever Limited. Edible fats. (9th August 1967). Accepted on 25th July 1969.

Comprises in hydrogenating a suitable fatty acid triglyceride oil selectively for the hardening of polyethenoic acid to monoethenoic acid until the product attains certain desirable property and isolating the fat fraction from hardened isomerised oil by fractionation.

117178. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Epoxide resin cellular plastic and process for their manufacture. Accepted on 21st July 1969.

Curing epoxide resins with mixtures of Lewis acids with phosphorus compounds $R-IP(OH)_2=O$ or $R'-OP(OH)_2=O$, R and R' being alkyl with 1—10 Carbon atoms.

117179. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Cured epoxide resins and process for making them. Accepted on 21st July 1969.

Curing using Lewis acids mixture with phosphoric compounds $R-P(OH)_2=O$ or $R'-O-P(OH)_2=O$, R, R' being alkyl with 1—10 carbon atoms.

117192. Fibreglass Limited. Improvements in or relating to the manufacture of impregnated fibre material. (10th August 1967). Accepted on 24th July 1969.

Uniformly distributing reinforcing fibres over a supporting surface to form a layer of fibres on the surface forming spaced bodies of flowable bonding material on the layer, the spacing between which bodies is sufficient to ensure that the material in each body flows individually downwardly.

117513. Beiersdorf AG. A wound dressing. Accepted on 23rd July 1969.

Comprising a carrier-strip and sheet of a fibrous fleece provided on one side with an adherent adhesive layer and a dressing pad placed thereupon, the carrier strip being of a span fleece elastically stretchable.

117517. E. G. Rao. Improvements in or relating to hydraulic valves. Accepted on 22nd July 1969.

Two openings provided at the sides of the valve body and plugs engagable with said openings adapted to support a hinge pin, a valve seat constituted by a peripheral ledge in the valve body two spring-loaded valve members movably engage with said pin.

117604. N. Modi. Bobbin for spinning machines. Accepted on 21st July 1969.

Characterized by that on the bottom flange is fitted a cup shaped piece, the base of the said piece having an openings axial with the opening in the barrel and having openings axial with the usual openings formed in the bottom flange.

Opposition Proceedings

(1)

An opposition has been entered by Shaw Wallace & Company Limited to the grant of a patent on application No. 113553, made by Jardine Henderson Limited.

(2)

An opposition has been entered by the Anil Starch Products Limited to the grant of a patent on application No. 114007, made by Sayaji Mills Limited.

Patents Sealed

(1)

108962. 109182. 109597. 109875. 110213. 110309. 110380.
110401. 110496. 110540. 110660. 110662. 110887. 111265.
111386. 111388. 111516. 111785. 111866. 112106. 112301.
113756. 113826. 113844. 114300. 116113. 116267.

(2)

102245. 102482. 104150. 105027. 107297. 108747. 108793.
108832. 108845. 108862. 108879. 108909. 108913. 108928.
108929. 108937. 109001. 109010. 109040. 109041. 109098.
109127. 109146. 109203. 109242. 109258. 109283. 109286.
109335. 109396. 109416. 109528. 109732. 109925. 109964.
109971. 110091. 110096. 110161. 110187. 110228. 110257.
110269. 110270. 110272. 110281. 110286. 110301. 110302.
110324. 110379. 110403. 110409. 110503. 110634. 110695.
110703. 110786. 110841. 110912. 111111. 111314. 111346.
111529. 111936. 112197. 112272. 112374. 112537. 112638.
112701. 112817. 112908. 113084. 113339. 113380. 113384.
113702. 113706. 113725. 113893. 114231. 114262. 114365.
114404. 114654. 114683. 114714. 114776. 114777. 115098.
115137. 115233. 115243. 115477. 115509. 115529. 115689.
116225. 116330. 116418.

Registration of Assignments, Licences, Etc. (Patents)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :

80397—M/s. Ishikawajima-Harima Heavy Industries Co., Ltd.

80780—M/s. Chemiebau Dr. A. Zieren G.m.b.H. & Co., K.G.

96717—M/s. Shell Internationale Research Maatschappij N. V.

102987.—President of India.

Renewal Fees Paid

52297. 52725. 52774. 53021. 54999. 55012. 55098. 55237.
55238. 55239. 55266. 55282. 55305. 55306. 55368. 55424.
58119. 58159. 58298. 58307. 58324. 58325. 58362. 58367.
58376. 58403. 59841. 59842. 61217. 61321. 61322. 61371.
61407. 61408. 61409. 61468. 61474. 61492. 61550. 61565.
61566. 61597. 61695. 61717. 63854. 63855. 64743. 64854.
64859. 64917. 64918. 64919. 64920. 64921. 64922. 64923.
64927. 64983. 64996. 64997. 65032. 65038. 65089. 65174.
65175. 65186. 65339. 65469. 65470. 65512. 65914. 66035.
66417. 67878. 68627. 68676. 68677. 68716. 68719. 68827.
68920. 68954. 69065. 69086. 69089. 69144. 69169. 69170.
69260. 69902. 70122. 70219. 70443. 71480. 72656. 72740.
72741. 72754. 72890. 72900. 72921. 72942. 72973. 72975.
73003. 73077. 73108. 73142. 73146. 73218. 73259. 73281.
73385. 73402. 73415. 74142. 74422. 74850. 75540. 76160.
77066. 77726. 77828. 77891. 77903. 77913. 77914. 77939.
77962. 77981. 77982. 78004. 78111. 78135. 78136. 78138.
78249. 78356. 78437. 78443. 78487. 78505. 78527. 78599.
78608. 78631. 78639. 78805. 79183. 79330. 79492. 81672.
82716. 83131. 83412. 83414. 83424. 83537. 83579. 83612.
83628. 83655. 83683. 83736. 83752. 83753. 83761. 83762.
83763. 83764. 83785. 83786. 83787. 83816. 83836. 83870.
83888. 83911. 83928. 83958. 83959. 83973. 84084. 84184.
84189. 84207. 84213. 84220. 84525. 84731. 84763. 84832.
84845. 85766. 87397. 87617. 87925. 88314. 88874. 89016.
89028. 89029. 89047. 89048. 89067. 89129. 89235. 89267.
89280. 89283. 89292. 89298. 89299. 89365. 89382. 89383.
89384. 89467. 89480. 89486. 89498. 89509. 89511. 89520.
89539. 89548. 89582. 89644. 89679. 89684. 89690. 89722.
89742. 89753. 89812. 89848. 89935. 89936. 89939. 89940.
89945. 89992. 89998. 90399. 90900. 90917. 90948. 92848.

93299. 93328. 93331. 93509. 93526. 93527. 93778. 93867.
94394. 94396. 94676. 94737. 94849. 94859. 95018. 95037.
95040. 95048. 95057. 95068. 95101. 95109. 95111. 95113.
95114. 95121. 95125. 95141. 95181. 95191. 95214. 95216.
95217. 95229. 95232. 95234. 95241. 95249. 95281. 95282.
95301. 95321. 95322. 95390. 95437. 95445. 95508. 95563.
95565. 95567. 95585. 95611. 95628. 95655. 95657. 95676.
95689. 95690. 95723. 95748. 95791. 95807. 95827. 95872.
96332. 97007. 97135. 97136. 97229. 97371. 97683. 97945.
98065. 98360. 99052. 100547. 100701. 100722. 100879.
100897. 100902. 100904. 100905. 100952. 100957. 100960.
101003. 101083. 101084. 101085. 101095. 101117. 101118.
101121. 101135. 101140. 101151. 101158. 101166. 101205.
101206. 101216. 101264. 101299. 101300. 101307. 101310.
101321. 101379. 101407. 101408. 101420. 101435. 101451.
101491. 101513. 101527. 101535. 101637. 101652. 101690.
101698. 101699. 101735. 101744. 101777. 101785. 101806.
101823. 102973. 104908. 105648. 105835. 106170. 106435.
106495. 106577. 106683. 106749. 106768. 106827. 106846.
107045.

Cessation of Patents

81537. 84836. 84839. 84840. 84846. 84847. 84850. 84855.
84857. 84858. 84860. 84862. 84866. 84872. 84873. 85994.
85996. 86008. 86024. 86025. 86026. 86027. 86029. 86033.
86042. 88015. 88021. 88032. 88035.

Restoration Proceedings

(1)

An order has been made on the 19th July 1969 restoring the patent No. 82716 dated as of the 12th June 1962, granted to Johans Andreas Dombrovskis for "process for the manufacture of plates or molded bodies".

(2)

An order has been made on the 18th July 1969 restoring the patent No. 92057 dated as of the 3rd February 1964, granted to Avisun Corporation for "novel catalyst and olefin polymerization therewith".

(3)

An order has been made on the 19th July 1969 restoring the patent No. 93328 dated as of the 16th April 1964 granted to Gesellschaft Fur Linde's Elsmaschinen Aktiengesellschaft for "process and apparatus for removing impurities from gaseous mixtures".

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 135113. Reliance Engineering & Electricals Corporation, C-II/15, Safdarjang Development Area, Hauz Khas, New Delhi-16, an Indian Partnership firm, "Electric water heater", January 10, 1969.

Class 1. No. 135394. Sundeepta Enterprises, (a Registered Partnership firm) Indian Subjects, J-28, R. K. Puram, Subedarchatram Road, Bangalore-9, Mysore State, "Electric lamps", March 6, 1969.

Class 1. No. 135406. Ferrodie Private Limited, Indian Company, Roxy Chambers, New Queen's Road, Bombay-4, Maharashtra, "Stapler", March 10, 1969.

Class 1. No. 135490. Bhavsinh Morarji Tanna, an Indian National, House No. 58-B, Walkeshwar Road, Bombay-6, State of Maharashtra, India, "A cabinet for transistor radios testing equipments", March 15, 1969.

- Class 1. No. 135542. Hefty Sales Company, Delhi Gate, P.O. Aligarh (U.P.), Indian partnership concern, "Lock", March 28, 1969.
- Class 1. No. 135548. Jindal (India) Private Limited, an Indian Company, 23, West Patel Nagar, New Delhi-8, "Handle", March 28, 1969.
- Class 1. Nos. 135564 and 135567, 135568. Anand Toys Industries, 10795, Jhandewalan Road, New Delhi-55, an Indian Partnership Firm, "Toys", April 5, 1969.
- Class 1. No. 135631. Mehboob Kazi, 8, C. I. T. Colony, VI Cross Street, Mylapore, Madras-4, India, Indian National, "Movie/cine projectors", April 15, 1969.
- Class 1. No. 135632. Moradabad General Art Metal Mills, Post Box No. 84, Abdul House, Moradabad, U.P., a registered partnership firm, under the Indian Partnership Act, "Coffee pot", April 16, 1969.
- Class 1. Nos. 135716 and 135717. Ashok Industries, 34 B Old Anjirwadi, Chapsi Bhimji Road, Mazgaon, Bombay 10, Maharashtra, India, Indian partnership concern, "A storage bin", April 28, 1969.
- Class 1. No. 135724 and 135725. Metal Caps, Behind Police Station, Loha Mandi, Agra, Uttar Pradesh, an Indian Partnership Concern, "Metal boxes", May 1, 1969.
- Class 1. No. 135728. Jal Nadirshaw Vazifdar, An Indian Citizen, Nelson Square, Chindwara Road, Nagpur, Maharashtra, India, "A stove", May 3, 1969.
- Class 1. No. 135890. Bhaskar Kashinath Thakoor, Indian National, Thakoor Metal Industries, 41/A, Chakala Road, Andheri (east), Bombay-69, Maharashtra, India, "Ring of wheel of tricycle", June 6, 1969.
- Class 1. No. 135891. Bhaskar Kashinath Thakoor, Indian National, Thakoor Metal Industries, 41/A, Chakala Road, Andheri (East), Bombay-69, Maharashtra, India, "Tricycle", June 6, 1969.
- Class 3. No. 135092. Noshir Kalkhusroo Irani, An Indian Citizen, Jehangir Mansion, 6th Floor, Next to Metro, Dhobi Talao, Bombay, Maharashtra, India, "A scrubber", January 4, 1969.
- Class 3. No. 135101. Plastic Art, an Indian Partnership Firm C/o Shivaji Service Industries, Building B, Ground Floor, Unit No. 1, Taikotwadi Road, Mahim, Bombay-16, State of Maharashtra, "A bangle", January 8, 1969.
- Class 3. No. 135491. Ishwarlal Liladhar Mehta, Govind Bhavan, 262-D, Malavia Road, Vile Parle East, Bombay 57 AS, Maharashtra, India, "A desk or table", March 15, 1969.
- Class 3. No. 135508. Bhavsinh Morarji Tanna, An Indian National, House No. 58-B, Walkeshwar Road, Bombay-6, State of Maharashtra, India, "A cabinet for transistor radios and testing equipments", March 19, 1969.
- Class 3. Nos. 135536 and 135537. Ciba of India Limited, Aarey Road, Goregaon East Bombay 63, Maharashtra State, India, an Indian subsidiary of the Swiss Company Ciba Limited Basle, Switzerland, "A container", March 22, 1969.
- Class 3. No. 135615. Goel Plastic Industries, an Indian Partnership firm, 6/2, Singh Sabha Road, Sakinagar, Delhi-7, India, "Sole for foot-wears", April 9, 1969.

- Class 3. No. 135837. Bright Brothers Private Limited, a Company incorporated in India, 156A, Tardeo Road, City of Bombay, State of Maharashtra, India, "Jug", May 16, 1969.
- Class 3. No. 135861. The Bombay Pencils Private Limited, Indian Company, Kamer Building, 38, Cowasji Patel Street, Fort, Bombay-1, Maharashtra, "Pencils", May 28, 1969.
- Class 3. No. 135910. Anuradha Advertisers, an Indian Partnership firm, 31, Manali, Malad (East), Bombay-64, State of Maharashtra, India, 31, Manali, Malad (East), Bombay-64, "A ball-pen", June 9, 1969.
- Class 3. No. 135911. Anuradha Advertisers, an Indian Partnership firm, 31, Manali, Malad (East), Bombay-64, State of Maharashtra, India, "A bowl", June 9, 1969.
- Class 3. No. 135912. Anuradha Advertisers, an Indian Partnership firm, 31, Manali, Malad (East), Bombay-64, State of Maharashtra, India, "A paper cutter", June 9, 1969.
- Class 4. Nos. 135106 and 135107. Jagatjit Industries Limited, 54-Ring Road, Lajpat Nagar-3, New Delhi-24 (India), (A company incorporated under the Indian Companies Act), "A bottle", January 9, 1969.
- Class 10. No. 135616. Super Polyplast Private Limited, an Indian Company, P-243, C. I. T. Scheme VI M, Calcutta-54, West Bengal, India, "Foot-wears", April 9, 1969.
- Class 11. No. 135623. Cotex Hosiery Factory, (an Indian Partnership Firm) C-6, Acme Industrial Estate, 2nd floor, Sewri, Bombay 15 DD, (Maharashtra), "Girdle corsets", April 14, 1969.
- Class 11. No. 135626. Cotex Hosiery Factory, (an Indian Partnership Firm) C-6, Acme Industrial Estate, 2nd floor, Sewri, Bombay 15 DD, (Maharashtra), "Underwear", April 14, 1969.

Copyright Extended for a Second period of Five Years

Design Nos. 120242, 120506, 120507, 120971, Class—3.

Design Nos. 123611, 124007, 123785, 122739, 123370, 123380, Class—13.

Copyright Extended for a Third period of Five Years

Design Nos. 98451, 98793, Class—3.

Design Nos. 101543, 100701, 100702, 102051, 102053, Class—13.

Registration of Assignments, Licences, etc. (Designs)

Assignments, licences or other transaction affecting the interest of the original proprietors have been registered in the following cases. The number of each is followed by the names of the applicants for registration :—

123571—M/s. Remfry & Son,

S. VEDARAMAN,
Controller General of Patents,
Designs and Trade Marks.